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CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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SECURITY INFORMATION

50X1-HUM

COUNTRY	Hungary	REPORT	
SUBJECT	Production at the Ozd Steel Plant	DATE DISTR.	26 October 1953
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THE APPRAISAL OF CONTENT IS TENTATIVE.
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1. The heavy industries plant at Ozd produced 750,000 tons of steel during 1952. It is estimated that this rate of output will be more than maintained during 1953 as there are now 14 [] furnaces in operation at the Plant. Each of these furnaces is producing 240 tons of steel per day. 50X1-HUM
2. Twelve of these furnaces operate continuously during a six-day week; the workers are doing 3 eight-hour shifts per 24 hours. The two remaining furnaces are those which are being either cleaned or repaired. 50X1-HUM
3. [] there are two electric furnaces of somewhat smaller capacity, one of them having only recently been installed, which are used for the production of special steels.
4. Both alloyed and un-alloyed steels are produced, the proportion of the latter being considerably higher than that of the former. Besides ingots and castings, semi-finished and finished steel is produced at a ratio of about 3 to 1.
5. The following special alloys are being made:
 - a. Chromium alloy which contains about 3.3% to 3.4% of chromium. Most of this goes to the USSR for tank construction.
 - b. Alloy containing up to 17% of chromium with some nickel added. Part of this is used for shipbuilding and aircraft construction. Though most of it is exported to the USSR, some of this alloy is being utilized within Hungary by the Rakosi Works at Csepel and the Gheorghiu-Dej Shipyard.
 - c. Tungsten alloy, containing also cobalt and molybdenum. Most of this is used for the production of valves and remains in Hungary for this purpose.

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Vanadium is also used by the plant for the production of other special alloys but their composition and purpose are not known.

6. Among the finished steel products, bridge-building material predominates. Much of it remains in Hungary but a fair quantity is exported to Rumania under the mutual aid scheme.

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